

Serial No. 09/359,920

Art Unit: 1651

REMARKS

Claims 55, 57, 66, 67, 71, 74, 75, 77-81, 83, 84 and 86-112 were previously pending in this application. By this amendment, Applicant is canceling claims 77, 80, 81, 84, 99, 100, 102 and 103 without prejudice or disclaimer. Claims 55, 66 and 101 have been amended. New claims 113-118 have been added. Support for the amendments and new claims can be found throughout the specification. In particular, support can be found on pages 5, lines 13-14 and 63, line 3. As a result claims 55, 57, 66, 67, 71, 74, 75, 78, 79, 83, 86-98, 101 and 104-118 are pending for examination. No new matter has been added.

Rejections Under 35 U.S.C. §102

The Office Action rejected claims 66, 67, 83, 84 and 109-112 under 35 U.S.C. §102(b) as being anticipated by Shen et al.

The Applicant maintains that the claims now pending are not anticipated by Shen et al.

In addition, the Applicants reserve the right to pursue the subject matter of any cancelled claims as well as the claims as originally filed in future applications.

The Examiner is respectfully requested to withdraw his rejection of claims 66, 67, 83, 84 and 109-112.

CONCLUSION

In view of the foregoing amendments and remarks, this application should now be in condition for allowance. A notice to this effect is respectfully requested. If the Examiner believes, after this amendment, that the application is not in condition for allowance, the Examiner is requested to call the Applicant's attorney at the telephone number listed below.


Jul 23 2003 12:04 P.08

Serial No. 09/359,920

Art Unit: 1651

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 23/2825.

Respectfully submitted,  
*Howard Green, Applicant*

By:   
Edward R. Gates, Reg. No. : 31,616  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210  
Telephone (617) 720-3500

Docket No. H00535.70009.US  
Dated: April 25, 2003  
x4/25/03

Serial No. 09/359,920

Art Unit: 1651

Marked-up Version of Claims

55. (Thrice Amended) A composition of matter comprising:

a conjugate of a nonextracellular matrix protein, nonlabeling agent and a carboxamide-carrying linking molecule,

wherein the agent is selected from the group consisting of [a sunscreen agent, a cosmetic, an enzyme, a coloring agent, a pharmaceutical agent, a member of a ligand/receptor pair, a tissue sealant, a bulking agent, a hair conditioning agent, a hair fixative, a moisturizing agent, a depilatory agent, ]an anti-nerve gas agent, an anti-neurotoxin agent and an antiglaucoma agent[a film forming agent, a vitamin, an insect repellant and a component of a high affinity noncovalent coupling pair],

wherein the agent is not itself a substrate of transglutaminase,

wherein the agent, free of conjugation to the linking molecule, does not contain the linking molecule, and

wherein the linking molecule comprises at least two contiguous linked glutamines, and is a substrate of transglutaminase.

66. (Thrice Amended) A composition of matter comprising:

a conjugate of a nonextracellular matrix protein, nonlabeling agent and a polymer,

wherein the agent is selected from the group consisting of [a sunscreen agent, a cosmetic, an enzyme, a bulking agent, a hair conditioning agent, a hair fixative, a moisturizing agent, a depilatory agent, ]an anti-nerve gas agent, an anti-neurotoxin agent and an antiglaucoma agent[a film forming agent, a vitamin, a coloring agent, a pharmaceutical agent, a member of a ligand/receptor pair, a tissue sealant, an insect repellant and a component of a high affinity noncovalent coupling pair],

wherein the agent is not itself a substrate of transglutaminase, and

wherein the polymer comprises at least 3 contiguous lysines attached to one another by peptide bonds, and is a substrate of transglutaminase.

Jul 23 2003 12:04 P.10

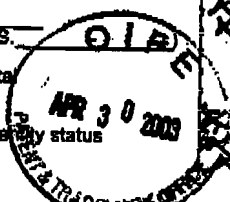
Serial No. 09/359,920

Art Unit: 1651

101. (Amended) The composition of claim 66[100], wherein the agent[enzyme] is selected from the group consisting of a cholinesterase and a phosphodiesterase.

Serial No. 09/359,920 File No. H00535 70009 US By: JAV/mo  
 Title: CONTINGATES OF AGENTS AND TRANSLUTAMINASE...  
 Application of: GREEN WGS Date: 4/25/03  
 The U.S. PTO Mail Room acknowledges receipt of the following on the date stamped hereon:

<input type="checkbox"/> Mailing by Express Mail (37 CFR 1.10) <input type="checkbox"/> Express Mail Label No. _____ <input type="checkbox"/> Patent Application <input type="checkbox"/> Non-provisional <input type="checkbox"/> Provisional Incl. _____ pages, ( _____ pgs) Specification, ( _____ pgs) Abstract, ( _____ pgs) Claims ( _____ # claims) <input type="checkbox"/> Design Patent Application <input type="checkbox"/> Declaration(s) _____ <input type="checkbox"/> Drawings _____ Sheet(s) (FIGS. _____) <input type="checkbox"/> Formal <input type="checkbox"/> Informal <input type="checkbox"/> Utility Patent Application Transmittal <input type="checkbox"/> Fee calculation sheet (x2) <input type="checkbox"/> CPA Transmittal <input type="checkbox"/> Verified Statement claiming small entity status <input type="checkbox"/> Assignment and Cover Sheet <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> Provisional Application Cover Sheet <input checked="" type="checkbox"/> Multiple Dependent Claim Fee Sheet <input checked="" type="checkbox"/> Int. Class. Statement, PTO Form 1449 <input checked="" type="checkbox"/> References Cited (Copy 1/2/03) <input type="checkbox"/> Priority Document(s) # _____ <input type="checkbox"/> Copy of Notice to File Missing Parts <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Petition for Ext. of Time (x2) <input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Letter to Official Draftsperson <input type="checkbox"/> Notice of Appeal <input type="checkbox"/> Brief (x2) <input type="checkbox"/> Check for \$ <u>205.00</u> Check # <u>15329</u> <input type="checkbox"/> Transmittal Letter (x2) <input type="checkbox"/> Cert. of Mailing under 37 CFR 1.8(a)
--	--



DATE MAILED April 25, 2003